

Interview Summary	Application No.	Applicant(s)	
	09/982,170	HENDERSON, JAMES M.	
	Examiner	Art Unit	
	Thu Khanh T. Nguyen	1722	

All participants (applicant, applicant's representative, PTO personnel):

(1) Thu Khanh T. Nguyen. (3)_____.

(2) Mrs. Micheline Johnson. (4)_____.

Date of Interview: 10 May 2005.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.
If Yes, brief description: _____.

Claim(s) discussed: 1-13.

Identification of prior art discussed: all of record.

Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: discussed the proposed claims (see attachment). The Attorney pointed out that the continuous mixing means is also the self-cleaning means. This device is subjected to further search and consideration. The proposed method claim was not discussed and will be restricted if submitted.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.



 Examiner's signature, if required

IN THE CLAIMS

Claims 1-13 are pending in the application. Please amend the claims as follows:

1. (Currently Amended) A continuous molding apparatus comprising a raw material accepting portion, a raw materials supplying portion, a mixing portion, a mixture delivery portion, a molding portion, a supporting portion, and an indexing portion; said raw material supplying portion comprising a feed chute; said mixing portion comprising an elongated chamber and means for continuous mixing; and said molding portion comprising a chamber formed by a supporting portion and faces of two opposed ram assemblies having a face at one end and a cylinder assembly generating advancing and retracting movement at the other end.
2. (Currently Amended) A continuous molding apparatus comprising:
 - (a) a rear cylinder;
 - (b) a rear ram;
 - (c) a feed chute;
 - (d) a charge chamber having a continuous mixing apparatus;
 - (e) a front ram;
 - (f) a mold chamber;
 - (g) an indexing plate;
 - (h) a front cylinder; and
 - (i) a supporting frame.
3. The continuous molding device of claim 2, wherein the feed chute is continuously charged.

4. The continuous molding apparatus of claim 2, wherein the charging chamber functions as a measuring and shaping device prior to the compressing function when the front and rear rams are in the charging position.
5. The continuous molding apparatus of claim 2, wherein the solid top of the rear ram functions as a shutoff valve at the bottom of the feed chute as it progresses from the charge chamber into the mold chamber.
6. The continuous molding apparatus of claim 2, wherein the rear ram and front ram and supporting frame compress the charging material in one axis, in both the positive and negative directions of the axis.
7. The continuous molding apparatus according to claim 2, wherein the rear ram delivers the charging material, once compressed into brick, to an indexing receiver plate.
8. The continuous molding apparatus according to claim 2, wherein the indexing receiver plate travels perpendicularly across the open gap between the front and rear ram.
9. The continuous molding apparatus according to claim 2, wherein the indexing brick or paver receiver plate is positioned perpendicularly, between the front and rear ram faces, to multiple parallel molding units.
10. The continuous molding apparatus according to claim 2, wherein the indexing brick or paver receiver plate is positioned perpendicularly, between the front and rear ram faces, to multiple parallel molding units spaced 30 inches apart on center.

11. The continuous molding apparatus according to claim 9, wherein the indexing brick or paver receiver plate is 5 inches wide, 120 inches long, 3/8 inches thick and may hold 12 bricks or pavers when full.

12. The continuous molding apparatus according to claim 2, wherein the rear ram and front ram and supporting frame form the configuration of a triangle, square, or other design when fully compressing the charging material.

13. (Currently Amended) A machine for making brick and brick paver, comprising a frame having an indexing plate; a pair of reciprocal ram heads, each driven by a separate dual-action hydraulic cylinder having an internal piston; and a charge chamber having a continuous mixing apparatus and a flat bottom and fed by a feed chute; said pair of ram heads comprising a front ram and a rear ram that move in concert along the flat bottom of said charge chamber, thereby causing the measurement of the correct amount of charge and its positioning into a mold chamber formed by the selective alignment of said ram heads, said flat bottom of said feed chute, and said frame; said rear ram having a solid flat upper surface for sealing off additional charge in said feed chute; said front and rear rams being selectively moveable and stoppable at the right side of said mold chamber, and reversible to appropriate distances and across said indexing plate to home positions, for compressing said charge into an appropriately sized brick or paver, pushing said brick onto said indexing plate, immediately retracting into said mold chamber, and pausing to allow indexing plate to index and receive another brick, and further retracting to its starting position.

14. (New) A process for making brick and brick paver, using a machine comprising a frame having an indexing plate; a pair of reciprocal ram heads, each driven by a separate dual-

action hydraulic cylinder having an internal piston; and a charge chamber having a continuous mixing apparatus and a flat bottom and fed by a feed chute; said pair of ram heads comprising a front ram and a rear ram that move in concert along the flat bottom of said charge chamber, thereby causing the measurement of the correct amount of charge and its positioning into a mold chamber formed by the selective alignment of said ram heads, said flat bottom of said feed chute, and said frame; said rear ram having a solid flat upper surface for sealing off additional charge in said feed chute; said front and rear rams being selectively moveable and stoppable at the right side of said mold chamber, and reversible to appropriate distances and across said indexing plate to home positions, for compressing said charge into an appropriately sized brick or paver, pushing said brick onto said indexing plate, immediately retracting into said mold chamber, and pausing to allow indexing plate to index and receive another brick, and further retracting to its starting position, wherein the mix introduced into the machine has a moisture content in the range of 15% to 20% of sample volume.